

Fig.1

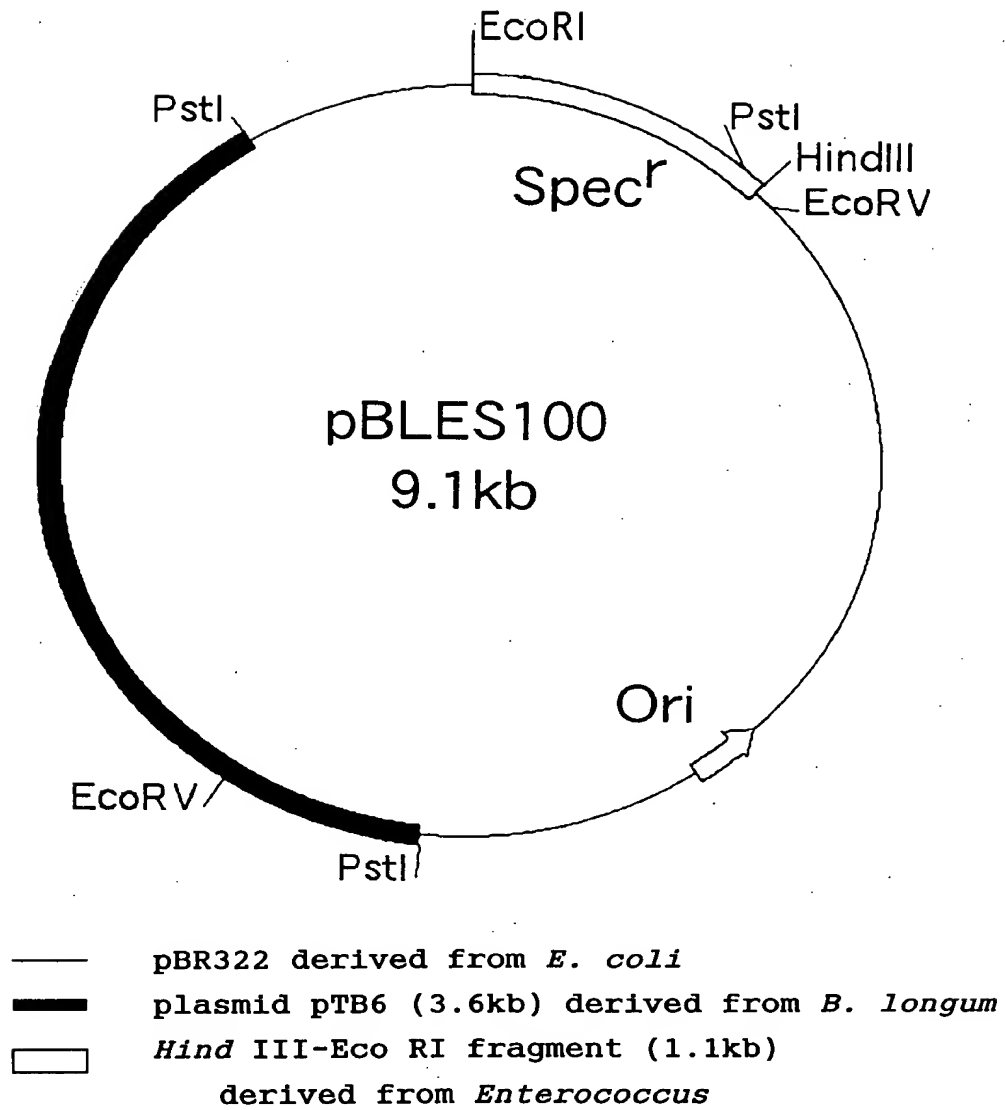


Fig.2

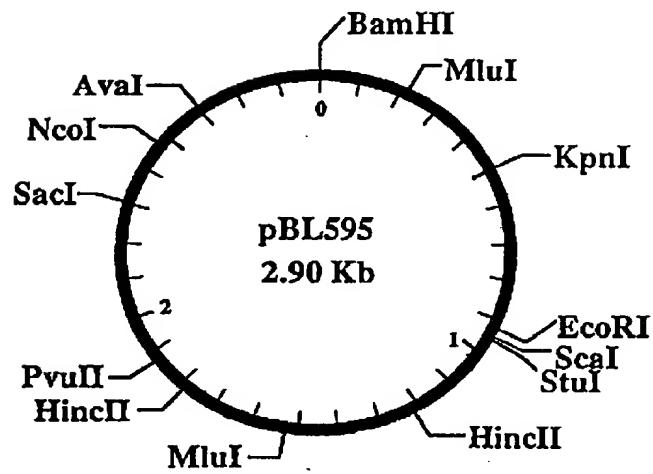
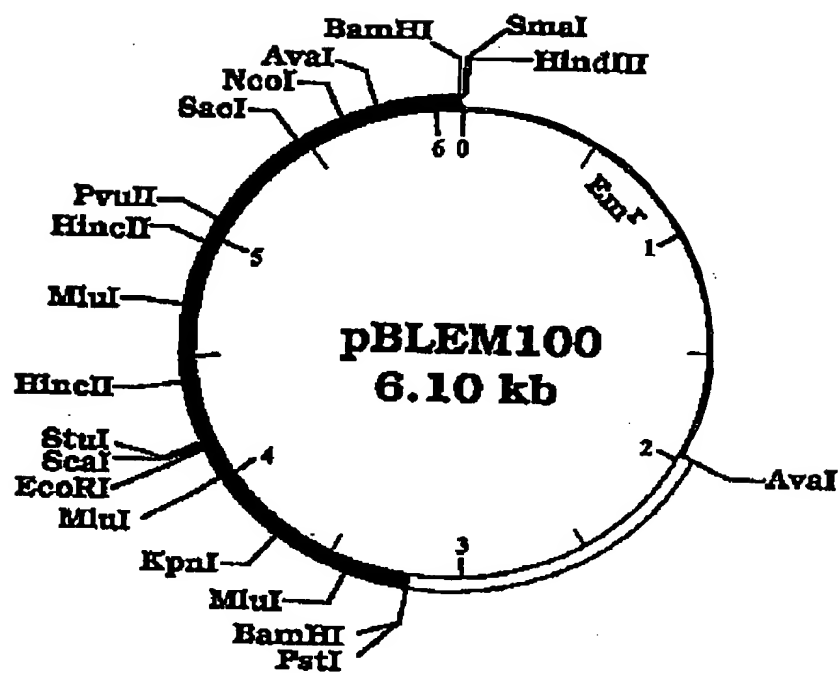
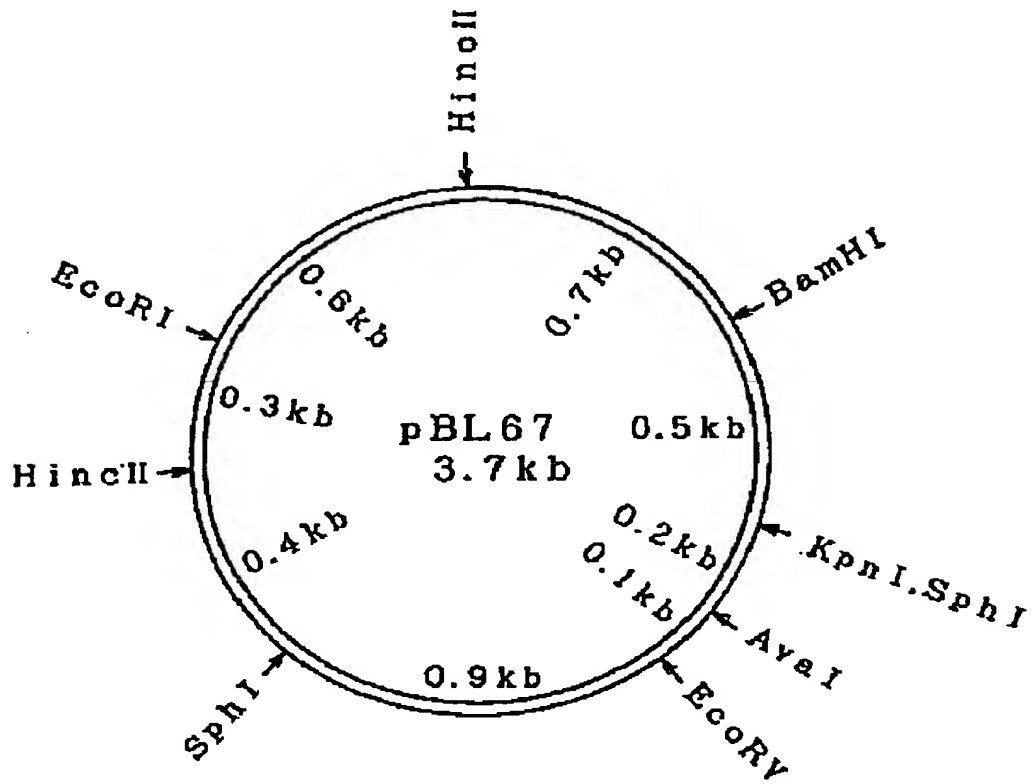


Fig.3



— pBL595  
 — pAMβ1  
 □ pBR329

Fig.4



group	about	about	all	about	many	growth	all	others	large	young	growth	all
in	to	the	if	the	and	the	at	at	and	growth	the	of
large	and	most	within	large	most	all	within	in	large	growth	large	within

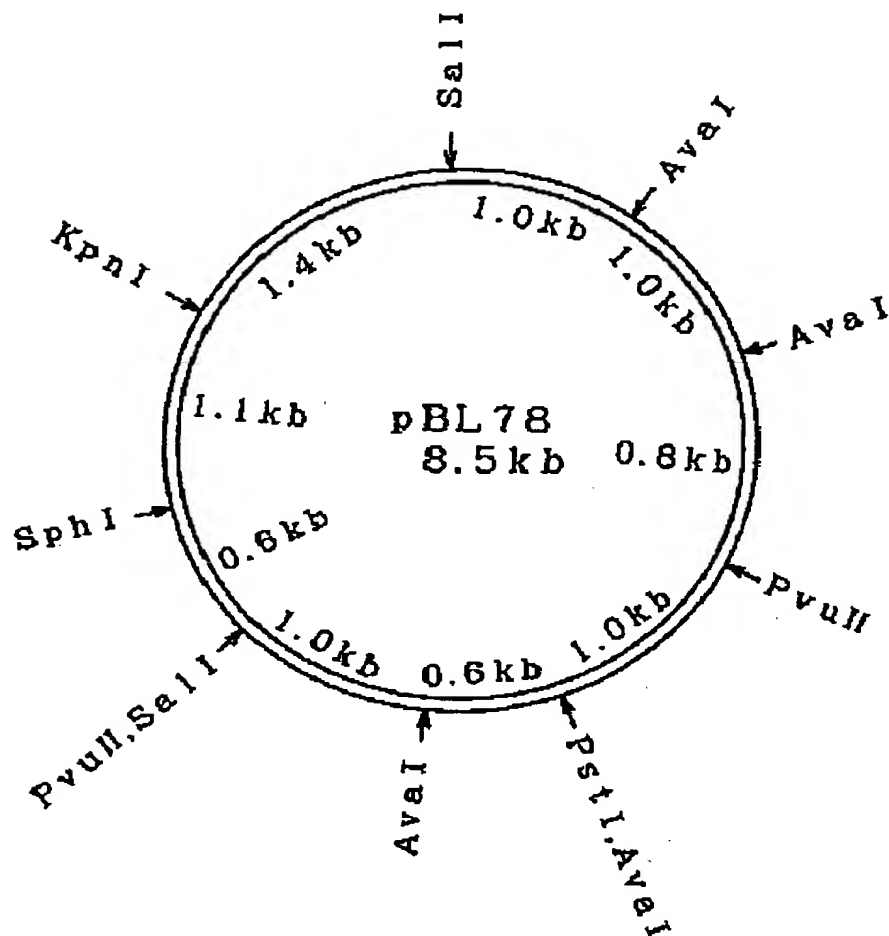
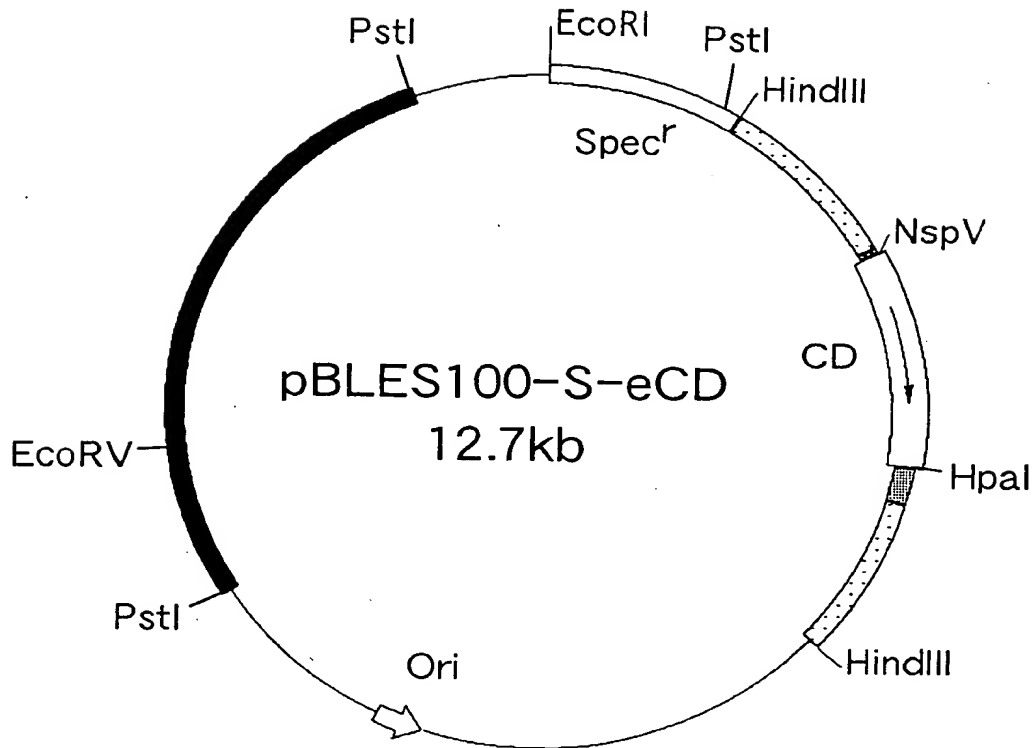


Fig.6



- pBR322 derived from *E. coli*
- plasmid pTB6 (3.6kb) derived from *B. longum*
- *Hind* III-Eco RI fragment (1.1kb)  
derived from *Enterococcus*
- CD gene derived from *E. coli*
- *Hind* III-treating fragment  
of the *B. longum* gene
- region containing a promoter for the HU gene  
derived from *B. longum*
- region containing a terminator for the HU gene  
derived from *B. longum*

—○— B. longum 105-A  
—□— B. longum 108-A

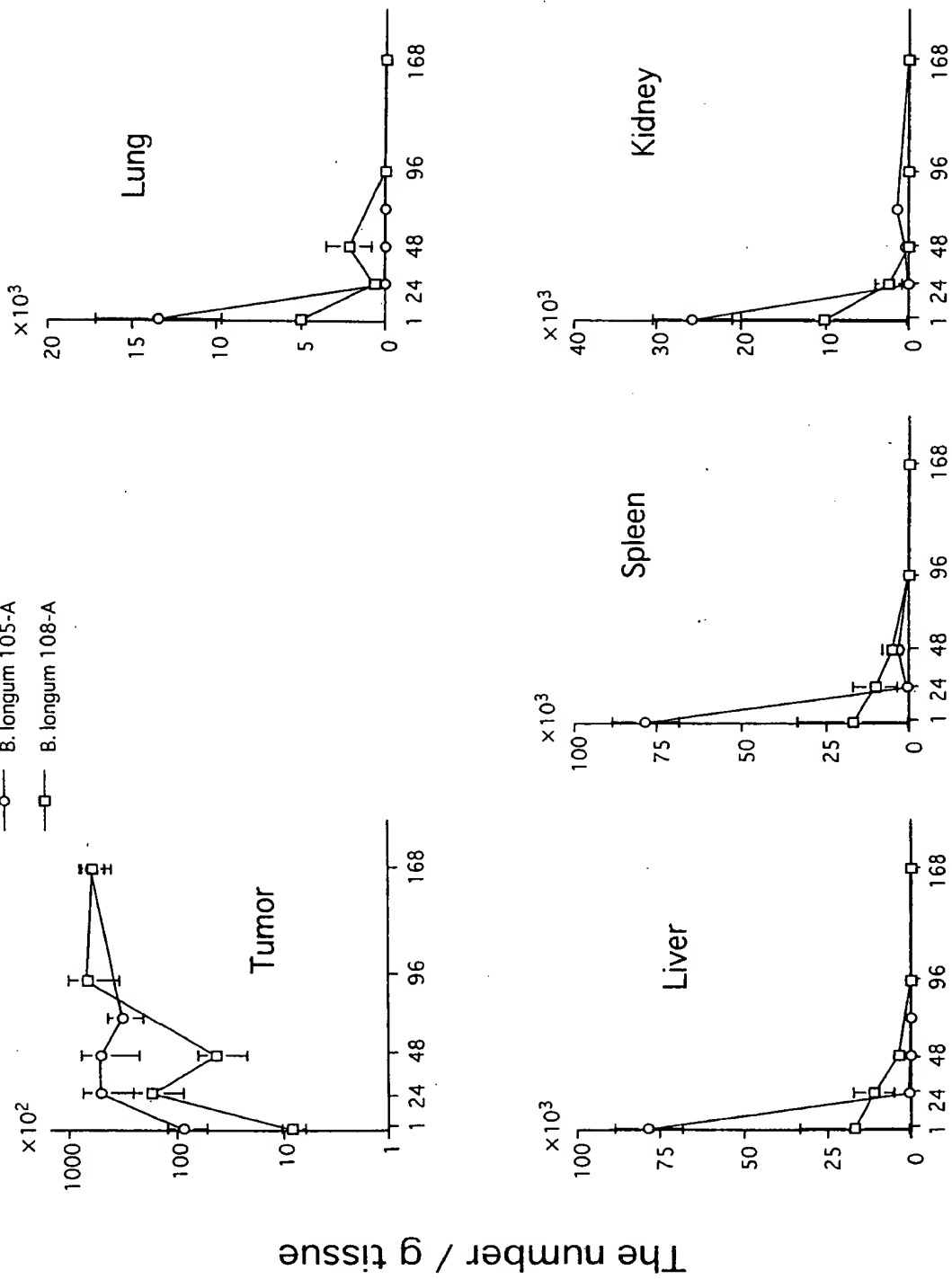


Fig. 7

Hours after B. longum injection

Fig.8

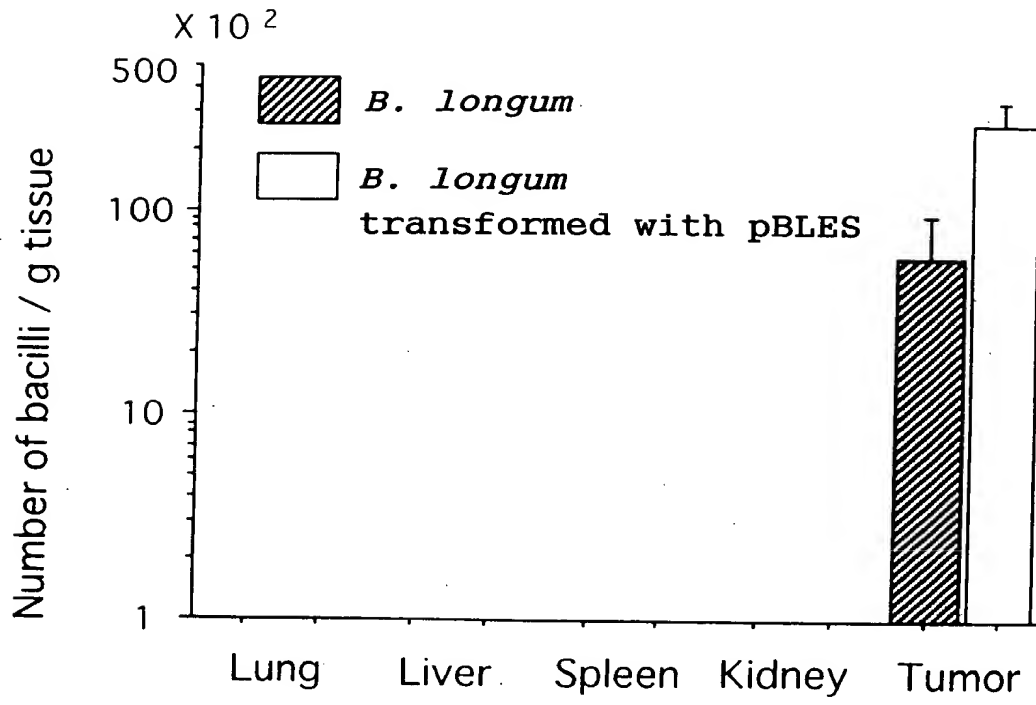


Fig.9

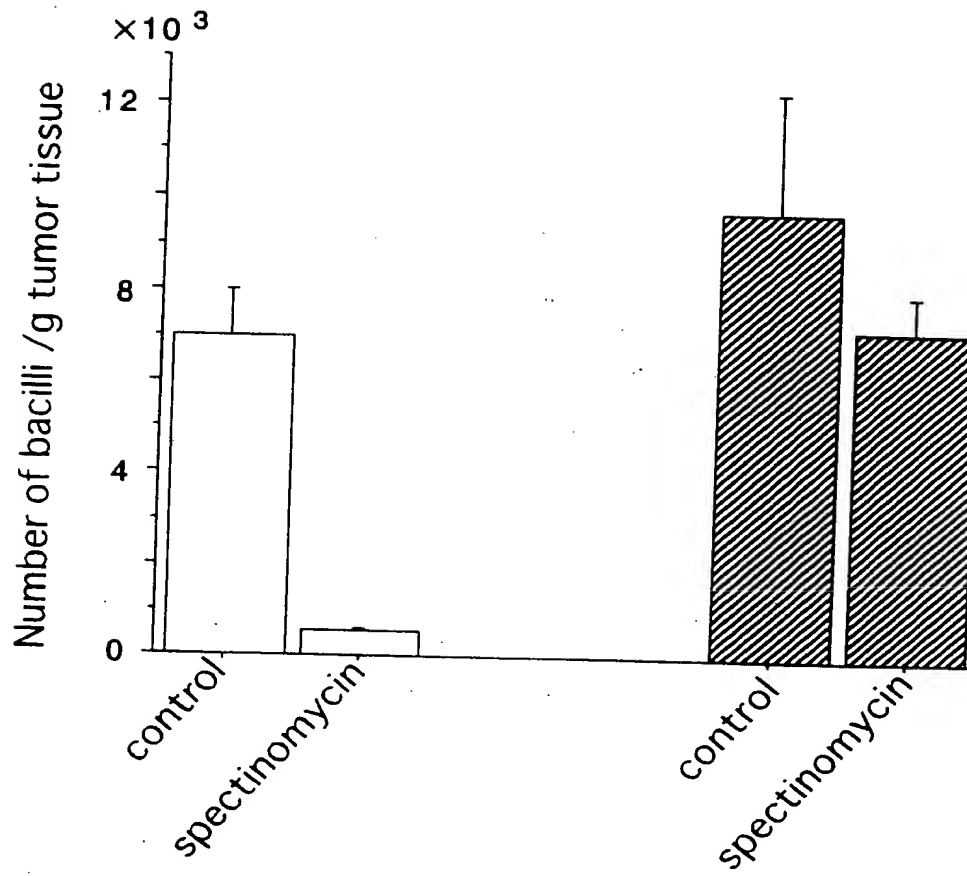
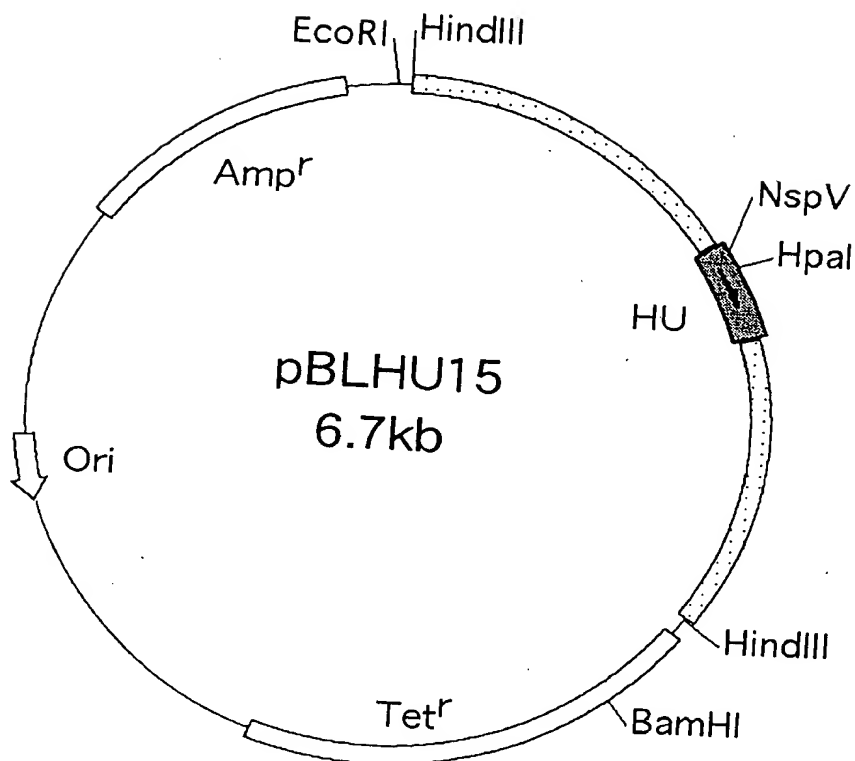


Fig.10



- pBR322 derived from *E. coli*
- HU gene from *B. longum*
- Ampicillin resistance gene in pBR322  
Amp<sup>r</sup> derived from *E. coli*
- Tetracycline resistance gene in pBR322  
Tet<sup>r</sup> derived from *E. coli*
- ▤ *Hind* III-treating fragment  
of the *B. longum* gene

Fig.11

